

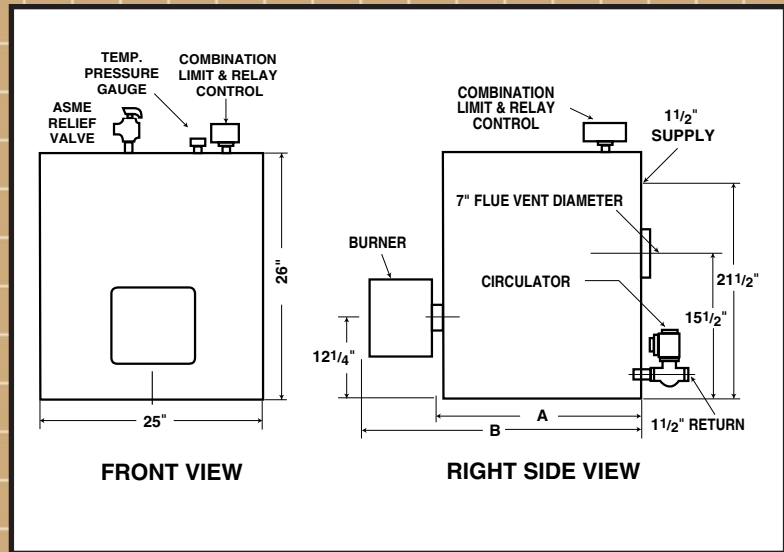
CROWN Freeport

STANDARD EQUIPMENT (Packaged)

- Factory Assembled Cast Iron Sections
- Refractory Insulated Hinged Front Door with Sight Glass
- Powder Coated Steel Jacket
- Circulator
- A.S.M.E. Relief Valve 30 P.S.I.
- Temperature/Pressure Gauge
- Installation Manual
- Boiler Drain
- Hi-Limit Aquastat Relay Combination (L-8148A)
- Flame Retention Oil Burner (Beckett or Riello)
- Burner Door Safety Switch

Plus on the ODV

- Differential Pressure Switch
- Complete Direct Vent Kit with Terminal
- Carlin Burner with Interrupted Ignition with 30 Sec. Pre and Post Purge
- Refractory Lined Combustion Chamber



CT SPECIFICATIONS

BOILER NUMBER	NUMBER OF SECTIONS	IBR GROSS OUTPUT BTU/HR.	IBR NET RATING WATER BTU/HR. 1	NET RATING WATER SQ. FT. 2	BURNER CAPACITY GPH 3	FLUE DIA. INCHES	SHIPPING WEIGHT LBS.	DIMENSIONS INCHES		APPROX. WATER CONTENTS GALLONS	AFUE RATINGS W/BURNER	
								A	B**		Beckett	Riello
CT-3	3	92,000	80,000	533	.75	7	443	19-1/4	34	4.2	86.1	87.6
CT-35*	3	120,000	104,000	693	1.00	7	443	19-1/4	34	4.2	84.7	84.7
CT-4	4	121,000	105,000	700	1.00	7	527	24-1/4	39	5.5	86.1	86.1
CT-45*	4	160,000	139,000	927	1.35	7	527	24-1/4	39	5.5	84.0	84.0
CT-5	5	162,000	141,000	940	1.35	7	618	29-1/4	44	6.8	86.1	86.1
CT-6	6	202,000	176,000	1173	1.65	7	716	34-1/4	49	8.2	86.1	86.1
CT-7	7	243,000	211,000	1407	2.00	7	794	39-1/4	54	9.5	86.1	—
CT-8*	8	286,000	249,000	1660	2.50	7	902	44-1/4	59	10.8	▲ 85.3	—

CT-35 and CT-45 are up-fired versions of the CT-3 and CT-4 * Not Energy Star qualified ▲ IBR Combustion Efficiency
** Dimension B is approximate due to varying burner lengths.

The Freeport ODV has special venting and clearance requirements. Consult the installation manual at your distributor before purchasing.

ODV SPECIFICATIONS

BOILER NUMBER	NUMBER OF SECTIONS	IBR GROSS OUTPUT BTU/HR	IBR NET RATING WATER BTU/HR 1	BURNER CAPACITY GPH 3	FLUE DIA. INCHES	SHIPPING WEIGHT LBS.	DIMENSIONS in INCHES		APPROX. WATER CONTENTS GALLONS	AFUE RATINGS w/BURNER CARLIN
							A	B		
ODV-075	3	91,000	79,000	.75	4	300	19-1/4	34	4.2	85.0
ODV-100*	3	119,000	103,000	1.00	4	300	19-1/4	34	4.2	83.1
ODV-125*	4	150,000	130,000	1.25	4	375	24-1/4	39	5.5	83.5

NOTES: 1. Net ratings shown are based on piping and pick-up allowance of 1.15.
2. Net ratings in sq. ft. based on 170°F average water temperatures in radiators. For higher water temperatures, select boiler on basis of net ratings in BTU/HR. Consult the manufacturer for installations having unusual piping and pick-up requirements, such as intermittent system operation, extensive piping systems, etc.
3. Firing rate in GPH based on having a heat value of 140,000 BTU/GAL.

* Not Energy Star qualified



Heat Exchanger constructed and tested in accordance with ASME Section IV standard.

AVAILABLE FROM:

CROWN Boiler Co.

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Visit us on the web: www.crownboiler.com

PN980529
CT/ODV-12/03-(15M)-R1

CROWN Freeport

Oil-fired boilers provide a lifetime guarantee of comfort and dependability... with venting options to meet the special needs of your home.

Freeport CT

for new and old homes with chimneys

Freeport ODV

direct venting for new homes without chimneys, for electric to oil conversions and for older homes with chimneys in need of repair



- Full lifetime warranty on cast iron heat exchanger
- Most models Energy Star qualified to 87.6% A.F.U.E.
- Swing open front door



CROWN

Freeport CT

When you have a chimney

Freeport ODV

Direct vent system

Features of the CT

- Chimney required
- Most models Energy Star qualified to 87.6% A.F.U.E.
- Three-pass Scotch Marine design provides full heating value from your fuel
- Fast response from low water content
- Easily serviced with a swing open access door
- Gross output from 92,000 to 286,000 BTU/HR
- Ultra compact size
- Available with positive pressure Beckett or Riello burner

CROWN's unique, three-pass Scotch Marine technology has been proven in more than 50 years of use in large commercial and industrial heating systems.

The Freeport achieves very high efficiency by circulating the hot flue gases through the heat exchanger three times. Most other residential boilers are designed for only a single or double pass.

The Freeport is designed to maximize heat transfer from flue gases to the boiler water, and to minimize the amount of cast iron and water that must be heated. Interior heat-transfer surfaces are smooth to provide clean combustion and to reduce the build-up of soot deposits. The result of these innovations is that your home gets warm faster and you get the greatest value from your heating dollar.

To maintain that efficiency over years of operation, the CROWN Freeport boiler totally exposes all interior surfaces for service and cleaning through a swinging front door.



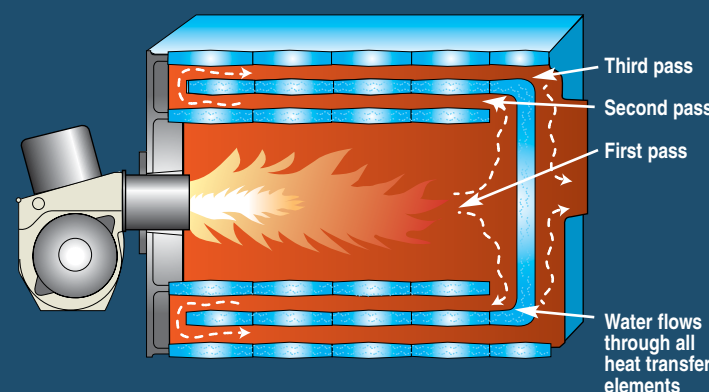
For new homes without chimneys
For electric to oil conversions
For older homes with chimneys in bad repair

Features of the ODV

All the basic features of the Freeport CT, plus...

- Direct Vent package includes complete 15' venting system
- High efficiency to 85% A.F.U.E.
- Refractory lined combustion chamber
- Advanced design positive pressure Carlin oil burner
- Economical alternative to repairing old chimneys
- Gross output from 91,000 to 150,000 BTU/HR

CROWN's Three-Pass Design



ODV Direct Vent System

- Air for combustion is piped-in directly from outside
- Combustion chamber is isolated from room air
- Exhaust is vented directly through wall
- Both air intake and exhaust use the same CROWN coaxial vent terminal
- Only one hole through the wall, with an attractive outside fixture



CROWN's Coaxial Vent Terminal

...add a **Mega-Stor** Indirect water heater with a lifetime guarantee

Abundant domestic hot water
Heated by your high efficiency CROWN boiler

Stainless steel tank and coil with a lifetime guarantee

Adjustable temperature control

Well insulated to keep water hot for hours

Convenient access cap for easy service

Sizes from 26 to 119 gallons

Space-saving 40- or 53-gallon horizontal Mega-Stor can be stacked with the Freeport for an even smaller footprint

